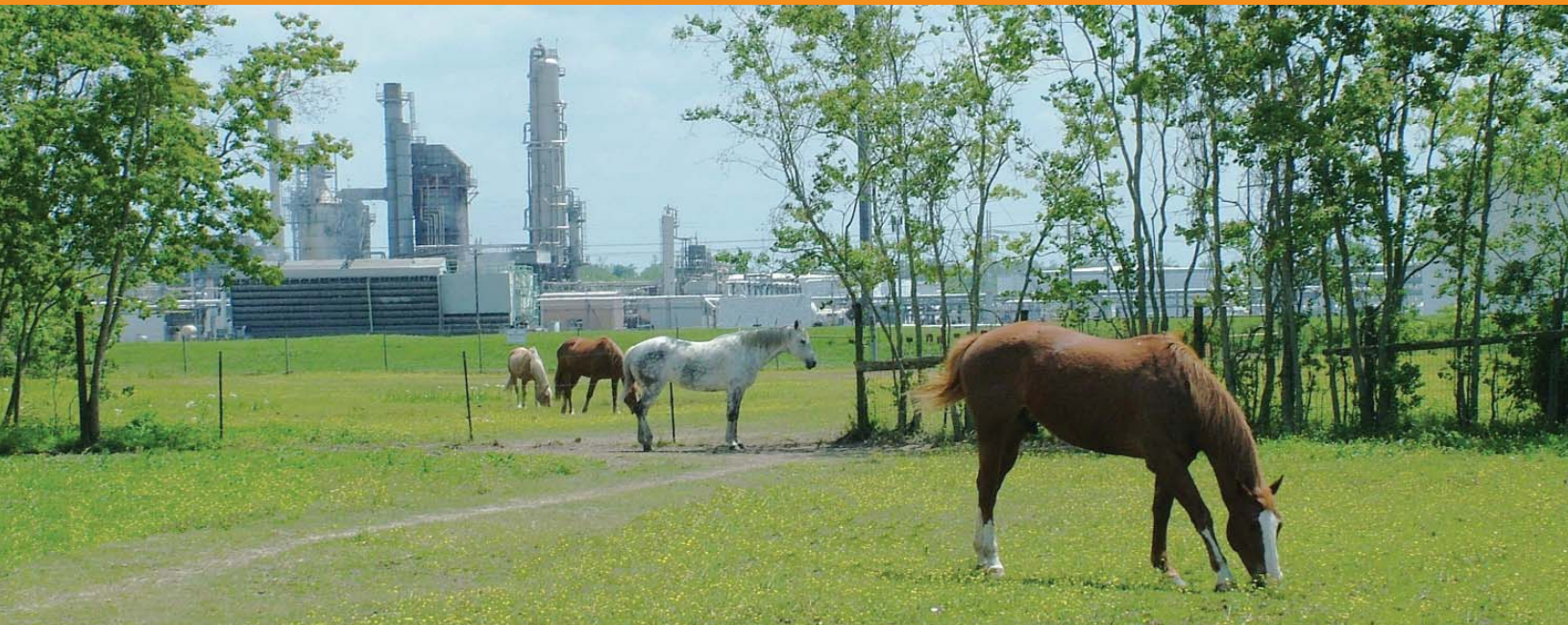


September 15-16, 2008

## **2008 Environmental Conference: Advance Program**

The Westin Riverwalk Hotel  
San Antonio, TX



**NPRA**

September 15-16, 2008

## **2008 Environmental Conference: Advance Program**

The NPRA Environmental Conference focuses on environmental regulatory and policy issues at the facility level. The sessions are designed to address the impacts of various environmental regulations on refineries and petrochemical operations and to provide compliance solutions and procedures for facilities. More than 400 environmental representatives from refineries and petrochemical plants and service organizations attend the Environmental Conference, which provides an excellent opportunity to network with peers who share similar problems and challenges in the refining and petrochemical industries.

### **Panel Discussions**

The panel discussions provide a forum to address real questions and problems that have been posed by your peers. Panelists include representatives from the NPRA Environmental Committee, operating companies, service organizations and government agencies. Panelists use their experience and knowledge to respond to questions raised by attendees.

### **Conference Co-Chairs:**

*Renae Schmidt*, CITGO Petroleum Corporation  
*Wayne Kachel*, Frontier El Dorado Refining  
Company



**NPRA**

## Schedule at a Glance

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### Sunday, September 14, 2008

3:00 pm – 5:00 pm                      Registration / Badge Pick-up

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### Monday, September 15, 2008

7:00 am – 5:30 pm                      Registration / Badge Pick-up

8:00 am – 8:45 am                      Keynote Session

8:45 am – 10:00 am                      Regulatory Session

10:00 am – 10:30 am                      Coffee Break

10:30 am – 12:00 pm                      NAAQS Session

12:00 pm – 1:30 pm                      Lunch

1:30 pm – 2:30 pm                      Monitoring Session

2:30 pm – 4:00 pm                      Water & Remediation Session

4:00 pm – 5:30 pm                      Technical Poster Session and Reception

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### Tuesday, September 16, 2008

7:00 am – 3:00 pm                      Registration / Badge Pick-up

8:00 am – 10:00 am                      Climate Session

10:00 am – 10:30 am                      Coffee Break

10:30 am – 12:00 pm                      Alternative Fuels Session

12:00 pm – 1:30 pm                      Lunch

1:30 pm – 3:00 pm                      Newsreel: Regulatory & Legislative Update

## Sponsors

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We would like to thank our 2008  
Environmental Conference Sponsor  
**TRC**

**Monday  
September 15, 2008**

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8:00 am – 8:45 am

**Keynote Address**

*Charles Drevna, NPRA  
President*

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8:45 am – 10:00 am

**Regulatory Session**

**A Potential Residual Risk  
Regulatory Requirement for Refineries:  
Fence Monitoring for Benzene**  
*Dayna Pelc, Weston Solutions*

**How the New Subpart Ja Regulations  
will Affect Your Refinery**  
*Jess McAngus, Spirit Environmental, LLC*

**The Changing World of  
NSR-Refinery Impacts 2008**  
*Kenneth Weiss, ERM*

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10:30 am – 12:00 pm

**NAAQS Session**

**NAAQS Standards Review and  
NAAQS Implementation –  
2008 through 2010 Overview**  
*Doug Deason, Exxon Mobil Corporation*

**Evaluation of the Impact of the  
Revised Lead NAAQS on Refineries**  
*Doug Reeves, Providence Engineering &  
Environmental Group LLC*

**New Permitting Challenges: PM2.5  
NAAQS and PSD Increment Modeling**  
*Robert Paine, ENSR Corporation*

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12:00 pm – 1:30 pm

Lunch with Speaker  
**Obtaining Clean Air Act Permits  
Despite Public Opposition**  
*LeAnn Johnson-Koch, DLA Piper, US LLP*

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1:30 pm – 2:30 pm

**Monitoring Session**

**Reducing Environmental Impacts  
using Novel Leak Detection and  
Mitigation Programs in  
Industrial Cooling Water**  
*Patricia Mahoney, Garry Laxton, and  
Montgomery Pifer, Baker Petrolite*

**Investing in Real-Time  
Air Emissions Monitoring**  
*Brian Funke, BP-Texas City*

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2:30 pm – 4:00 pm

**Water & Remediation Session**

**Optimization Techniques Get More  
Out of Your Site Investigation Data**  
*Tad Fox P.G., Larry Deschaine, and  
Tom Battenhouse, SAIC*

**Risk Assessment for Use of  
Treated Effluent for Cooling Towers  
in Saudi Arabia**  
*Mark Weisberg, Shaw Environmental &  
Infrastructure, Inc.*

**A Practical Methodology for  
Determining Trading Ratio from TMDL  
Allocation Matrix in Support of  
Watershed-based Permitting**  
*Harry Zhang, CH2M HILL*

**Utilizing Pollution Prevention and  
Recycling for In-Situ Soil  
Neutralization**  
*John Moore, Trihydro Corporation*

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4:00 pm – 5:30 pm

**Poster Session**

**A Forensic Autopsy of a Failed ISCO Application**

*William Lundy*, DeepEarth Technologies, Inc.

**Environmental Compliance Assurance through Improved Records & Information Management**

*Craig Niedermeier*, ENSR Corporation  
*Debasish Chakraborty*, BP Texas City

**Operation of Membrane Bioreactors in an Abrasive Environment**

*Duane Smith*, *Bryan Kumfer*, *Thomas Vollstedt*, *Howard Johnson*, and *Michael Howdeshell*, Siemens Water Technologies

**Stationary Storage Tank Cleaning, Degassing, and Refilling with an Emphasis on Air Quality**

*Joe Cantu*, LyondellBasell Houston Refinery

**Biogas as a Source of Energy from Renewable Resources**

*Somnath Basu*, Camp Dresser & McKee

**Skidded Combination Scrubber/WESP Offers Low Cost, High Efficiency SO<sub>2</sub> and Particulate Removal for Bitumen Fired Boilers**

*Hardik Shah*, Southern Environmental, Inc.

**ISCO-Seeing is Believing; Linking Visualization with Proven In Situ Treatment to Support Engineered Control and Communication of Both Process and Results**

*Isaac Aboulafia*, MEC<sup>X</sup> LP  
*Tad Fox*, SAIC  
*Nat Voorhies*, SAIC  
*Sam Insalaco*, SAIC

**Use of Mass Distributions to Assess & Justify Advanced Remedial Technologies**

*Richard Bost*, ERM

**Title-V Monitoring Implementation with Efficiency Feedback Control**

*Richard Hovan*, Pavilion Technologies

**Ensuring Compliance and Data Defensibility Through Laboratory Auditing**

*Lester Dupes*, Environmental Standards Inc.

**Advances in FCC Emissions: Reduction Additives and Their Role in Implementing EPA Consent Decrees**

*Guido Aru*, INTERCAT, Inc.

**Refinery Simplifies Tail Gas Treating Unit**

*Andrea Trapet*, MECS, Inc.

**Understanding and Managing Sources of Error for Emission Testing Sampling and Analytical Operations**

*Stephen Brady*, Weston Solutions, Inc.

**Integrating Sustainable Design and Storm Water Management at Retail Service Station Sites**

*Kim Marcus*, URS Corporation

8:00 am – 10:00 am

**Climate Session & Panel**

**Underground CO<sub>2</sub> Sequestration  
Regulatory and Liability Issues**

*G.C. Butch Slawson, Slawson LLC*

**Calculation of Refinery**

**Greenhouse Gas Emissions**

*Mike Bradford, Jacobs Consultancy  
Edwin Goudappel, Jacobs Consultancy  
Jos Sentjens, Jacobs Consultancy*

**Managing GHG Risks and  
Expectations**

*Steve McMillen, Baker Botts L.L.P.*

**An Update of Regulatory Development  
under California's AB32 Global  
Warming Solutions Act**

*Howard Balentine, ENSR Corporation*

**An Analysis of the European  
Union GHG Emissions Trading  
Scheme (EU ETS) What the Future  
Holds in Store for the U.S.**

*Nimish Katwala, Providence Engineering  
& Environmental Group LLC*

**Panel Discussion**

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10:30 am – 12:00 pm

**Alternative Fuels Session**

**Gasification of Refinery Oil-bearing  
Hazardous Secondary Materials:  
Options for Small Refineries**

*Gaurav Rajen, Western Refining  
Southwest Inc.  
Van Pooler, Trihydro Corporation*

**What Can Green Do for You?**

*David Bubenick, Shaw Environmental, Inc.  
Gordon Combs, Shaw Stone & Webster  
Management Consultants, Inc.*

**The California Low Carbon Fuel  
Standard and What It Means to You**

*Howard Balentine, ENSR Corporation*

**Biofuels-Global Perspectives for an  
Alternative Energy Supply**

*Braulio Pikman, ERM WEST*

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12:00 pm – 1:30 pm

Lunch with Speaker

*Stephen Brown, Tesoro Corporation  
Craig Felner, Valero Energy Corporation*

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1:30 pm – 3:00 pm

**Newsreel:  
Regulatory & Legislative Update**

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### 1. Conference Registration

**Click here** to register or complete the enclosed registration form. Registration includes admission to the General Sessions, the Reception and Poster Session on Monday, and luncheons Monday and Tuesday. Refer to the registration form for conference fees. You'll save \$100 off full conference registration if you register by August 8.

### 2. Hotel Reservations

Reserve your hotel on-line when you register at [www.npra.org](http://www.npra.org) and receive an immediate acknowledgement of your reservation. Or, fill in the appropriate space on the enclosed registration form. Hotel reservation requests will be processed in the order received by the NPRA. Get immediate acknowledgement on-line but allow 2 weeks if submitted to NPRA. A deposit equal to one night's stay is required to hold each guest's reservation. Such deposit shall serve to confirm the reservation for the dates indicated, and, upon check-in, shall be applied to the first and/or final night of the reserved stay. These deposits paid by individuals are refundable if notice is received at least seventy-two (72) hours prior to arrival and a cancellation number is obtained. The credit card will be charged the deposit as soon as NPRA turns the rooming list over to the Westin mid-August.

August 8, 2008, is the cut-off date for making hotel reservations, cancellations or substitutions through NPRA or on-line. Beginning August 15 reservations, substitutions, or cancellations must be made through the hotel directly.

### 3. Spouse Registration

For just \$50, your spouse can join you at the Poster Session Reception as well as the included business sessions.

### 4. Payment

Pay by credit card. NPRA accepts Visa, MasterCard or American Express.

### 5. Travel

AVIS is the official rental car agency for the ENV. Call 800.331.1600 and refer to AWE#:B761399 to receive discounted rates.

### 6. Confirmation

Your registration will be confirmed via e-mail if you provided us your email address. Otherwise, your confirmation will be sent via U.S. mail.

### 7. Sponsorship

Sponsorship opportunities available  
Contact Lynne Schoenbeck at 202.457.0480 or email at [lschoenbeck@npra.org](mailto:lschoenbeck@npra.org).

### 8. Attire

Business Casual (No tie; jacket optional)

### Cancellation Policy:

Registration cancellations can be made online or submitted in writing, faxed to 202.835.0467 or e-mailed to [ENV@npra.org](mailto:ENV@npra.org). Substitute conference registrations may be made in advance or on arrival with no penalty. Substitutions must be submitted in writing to [ENV@npra.org](mailto:ENV@npra.org).

Cancellations may be made by August 8, 2008 with no penalty. Written cancellations postmarked, faxed, or emailed between August 9 and August 29, 2008 will receive a refund of fees, less a \$50 processing fee. No refunds after August 29, 2008. No telephone cancellations.

### Fee Policy:

Eligibility for member rates is based on membership information currently on file with NPRA. If your company is not currently a member, the non-member fees will be charged to your credit card.

### Registration Policy:

Those who are present at the site of an NPRA meeting and/or occupy a hotel room in the NPRA room block to conduct business with industry personnel gathered for that meeting are expected to register for that meeting and pay the registration fee, whether or not they attend a specific function.

### Spouse / Guest Policy:

A guest is a spouse/significant other, friend or an adult child (18 years old or older) who is not in an industry-related occupation. A co-worker, an associate or spouse who works within the industry may not use the Spouse/Guest Registration category.

**Registration Form: ENV08**

**Register on-line at [www.npra.org](http://www.npra.org)  
Register by August 8th - Save \$100**

**Step 1: Attendee Profile**

Please fill out completely. Badges will be printed from this information.

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Country \_\_\_\_\_

Phone (Area/Country/City Code) \_\_\_\_\_ Fax (Area/Country/City Code) \_\_\_\_\_

E-mail \_\_\_\_\_

This is not a permanent address change.

Spouse/Guest Name (if attending) \_\_\_\_\_

Check here if you require special needs.  
Please attach a description of your needs.

**Step 2: Meeting Registration**

<b>Conference</b>	By August 8	After August 8
<input type="checkbox"/> Member	\$ 400 _____	\$ 500 _____
<input type="checkbox"/> Non-Member	\$ 795 _____	\$ 895 _____
<input type="checkbox"/> Spouse / Guest	\$ 50 _____	\$ 50 _____

**Total Amount Due** \_\_\_\_\_

Name of Member Company \_\_\_\_\_

Not sure if your company is a member? [Click here.](#)

**Step 3: Payment Information**

Payments to NPRA are not deductible as charitable contributions for federal income tax purposes. However, they may be deductible under other provisions of the Internal Revenue Code.

VISA       MasterCard       American Express

Credit Card Number \_\_\_\_\_

Exp. Date \_\_\_\_\_

Name of person on card (Please print) \_\_\_\_\_

Signature (Required, authorizing charge & acknowledging cancellation/refund, fee, registration, & spouse policies) \_\_\_\_\_

**Step 4: Hotel Reservations**

Hotel Reservation requests must be accompanied by paid conference registration to be processed. Room Rates as follows at the Westin Riverwalk Hotel, 420 Market Street, San Antonio, Texas. Please indicate 1st choice.

\_\_\_\_\_ City View: \$209 single/double occupancy

\_\_\_\_\_ River View: \$219 single/double occupancy

Arrival Date \_\_\_\_\_

Departure Date \_\_\_\_\_

If no dates are indicated, we will assign arrival Sunday, September 14 and departure Tuesday, September 16.

Room Type:       One Bed       Two Beds

Number of People in Room: \_\_\_\_\_

Special Requests:  Disability       Other

Room Guarantee:  AMEX       VISA  
 MasterCard       Discover  
 Diners

Credit Card Number \_\_\_\_\_

Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

Frequent Guest Number \_\_\_\_\_

**Register by Fax:**

Return your form by fax with credit card information to 202.835.0467

**Register by Mail:**

NPRA  
1899 L Street, NW  
Suite 1000  
Washington, DC 20036

Register on-line to receive immediate acknowledgement of hotel. August 8th is the final cut-off date to reserve a room. Contact the hotel directly with changes or cancellations beginning August 15, 2008.